Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"10127939"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:37
L2	400	560/224.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:36
L3	0	I1 and I2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:36
L4	437415	recover?	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:38
L5	756898	catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:38
L6	5470	14 near3 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:38
L7	5	12 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:52
L8	227232	chromium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 07:42
L9	23	12 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:35
L10	3	16 and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 08:01
L11	1	"02100814"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 08:02
L12	2	"02076919"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 08:07

L13	1870247	resin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON -	2005/02/01 09:35
L14	14	19 and 113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:35
L15	8	("4243818").URPN.	USPAT	OR	ON	2005/02/01 09:51
L16	182	l6 same l13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:52
L17	3	12 and 116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:54
L18	700	I6 and I8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:54
L19	3	12 and 118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 09:54
L20	0	2001-87846	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 10:21
L21	9	"087846"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 12:18
L22	0	"10436662".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 12:23
L23	2	"6465681".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 12:24
L24	2	"6660881".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/01 12:24

	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	L1	6	"10127939"		2005/02/01 07:37	
2	BRS	L2	400	560/224.ccls.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/02/01 07:36	
3	BRS	L3	0	l1 and 12	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/02/01 07:36	
4	BRS	L4	437415	recover?	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/02/01 07:38	
5	BRS	L5	756898	catalyst	US - PGPUB; USPAT; EPO; JPO; DERWEN T	2005/02/01 07:38	·
6	BRS	L6	5470	14 near3 15		2005/02/01 07:38	

7	BRS	L7	5	12 and 16	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 09:52	
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	Error Definition	Err ors
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2	ų,	
3		
4		
5	*	
6		

	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comments
8	BRS	L8	227232	chromium	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 07:42	
9	BRS	L10	3	16 and 19	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 08:01	
10	BRS	L11	1	"02100814"	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 08:02	
11	BRS	L12	2	"02076919"	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 08:07	
12	BRS	L9	23	12 and 18	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 09:35	
13	BRS	L13	187024 7	resin		2005/02/01 09:35	

14	BRS	L14	14	19 and 113		2005/02/01 09:35	
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12		
13		

	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comments
15	BRS	L15	8	("4243818").URPN.	USPAT	2005/02/01 09:51	
16	BRS	L16	182	16 same 113	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 09:52	
17	BRS	L17	3	12 and 116	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 09:54	
18	BRS	L18	700	16 and 18		2005/02/01 09:54	
19	BRS	L19	3	12 and 118	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 09:54	
20	BRS	L20	0	2001-87846	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 10:21	
21	BRS	L21	9	"087846"	US- PGPUB; USPAT; EPO; JPO; DERWEN	2005/02/01 12:18	

	Error	Definition	Err
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16			
17			
18			
19			
20			
21			

600
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	Туре	L #	Hits	Search Text	DBs	Time Stamp	Comments
22	BRS	L22	0	"10436662".pn.		2005/02/01 12:23	
23	BRS	L23	2	"6465681".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2005/02/01 12:24	\
24	BRS	L24	2	"6660881".pn.		2005/02/01 12:24	

	Error Definition	Err ors
22		
23		
24		

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                 New pricing for the Save Answers for SciFinder Wizard within
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         OCT 28
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                 PHAR reloaded with additional data
        NOV 30
NEWS
                 LISA now available on STN
NEWS
    6
        DEC 01
NEWS
    7
        DEC 09
                 12 databases to be removed from STN on December 31, 2004
NEWS
     8
        DEC 15
                 MEDLINE update schedule for December 2004
NEWS
        DEC 17
                 ELCOM reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
     10 DEC 17
                 COMPUAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS
      11 DEC 17
                 SOLIDSTATE reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS
      12 DEC 17
                 CERAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
     13 DEC 17
                 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS
     14 DEC 30
                 EPFULL: New patent full text database to be available on STN
NEWS
NEWS
     15 DEC 30
                 CAPLUS - PATENT COVERAGE EXPANDED
                 No connect-hour charges in EPFULL during January and
NEWS
    16 JAN 03
                 February 2005
NEWS
     17 JAN 26
                 CA/CAPLUS - Expanded patent coverage to include the Russian
                 Agency for Patents and Trademarks (ROSPATENT)
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NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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0.21

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FILE COVERS 1907 - 1 Feb 2005 VOL 142 ISS 6 FILE LAST UPDATED: 31 Jan 2005 (20050131/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> ?acrylic acid

291108 ?ACRYLIC

3930450 ACID

1462301 ACIDS

4404727 ACID

(ACID OR ACIDS)

L1 163500 ?ACRYLIC ACID

(?ACRYLIC(W)ACID)

=> alkylene oxide

54405 ALKYLENE

336 ALKYLENES

54649 ALKYLENE

(ALKYLENE OR ALKYLENES)

1533418 OXIDE

323292 OXIDES

1625989 OXIDE

(OXIDE OR OXIDES)

L2 9945 ALKYLENE OXIDE

(ALKYLENE (W) OXIDE)

=> 11(1)L2

L3 408 L1 (L) L2

=> CATALYST(1) recover?

678987 CATALYST

682349 CATALYSTS

870062 CATALYST

(CATALYST OR CATALYSTS)

596657 RECOVER?

L4 20927 CATALYST(L) RECOVER?

=> 13 and 14

L5 3 L3 AND L4

=> d 15 1-3 ti fbib abs

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

```
TI
    Recovery of chromium-type catalyst used in synthesis
    of hydroxyalkyl (meth)acrylate from (meth)acrylic acid
    and alkylene oxides
    2004:1076445 CAPLUS
AN
DN
    142:37700
    Recovery of chromium-type catalyst used in synthesis
TТ
    of hydroxyalkyl (meth)acrylate from (meth)acrylic acid
    and alkylene oxides
    Takagi, Hiroyuki; Ishida, Tokumasa; Uemura, Masahiro
IN
PA
    Nippon Shokubai Co., Ltd., Japan
    Jpn. Kokai Tokkyo Koho, 18 pp.
SO
    CODEN: JKXXAF
    Patent
DТ
    Japanese
LA
FAN.CNT 1
                      KIND
                              DATE
                                        APPLICATION NO.
    PATENT NO.
                                                               DATE
     ____
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                              -----
                                         , ------
                                                                -----
                              20041216
                                          JP 2004-133894
PΙ
    JP 2004351415
                        A2
                                                                20040428
                                          JP 2003-128292
                                                            A 20030506
    The invention refers to a method of recovering Cr-type
AB
    catalysts used in synthesis of hydroxyalkyl (meth)acrylate from
     (meth) acrylic acid and alkylene
    oxides, wherein water or an alkali solution is added to the reaction
    fluid or residue after the hydroxyalkyl (meth)acrylate is extracted, and the
    solids are separated from solution
L5
    ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
TT
    Catalytic esterification process for the production of hydroxyalkyl
     (meth) acrylates from (meth) acrylic acids and epoxides
    2004:120625 CAPLUS
AN
DN
    140:181961
    Catalytic esterification process for the production of hydroxyalkyl
ΤI
     (meth) acrylates from (meth) acrylic acids and epoxides
    Takaki, Hiroyuki; Ishida, Tokumasa; Uemura, Masahiro
IN
PΑ
    Nippon Shokubai Co., Ltd., Japan
    U.S. Pat. Appl. Publ., 14 pp.
SO
    CODEN: USXXCO
DT
    Patent
LA
    English
FAN.CNT 1
                              DATE
                                        APPLICATION NO.
    PATENT NO.
                      KIND
                                                               DATE
    -----
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                                         -----
                                                                -----
                              20040212 US 2003-633139
PT
    US 2004030180
                       A1
                                                               20030801
                                        JP 2002-234630
                                                            A 20020812
                              20040311 JP 2002-234630 20020812
20040218 EP 2003-17427 20030801
    JP 2004075559
                       A2
    EP 1389610
                       A1
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
                                                           A 20020812
                                          JP 2002-234630
    CN 1483718
                              20040324
                                          CN 2003-127768
                                                                20030812
                                          JP 2002-234630
                                                            A 20020812
    Hydroxyalkyl (meth)acrylates (e.g., hydroxyethyl acrylate) are prepared in a
AB
    process in which: the diffusion of harmful substances due to disposal of
    catalysts can be reduced; and also the amount of the
    catalyst as used can be greatly saved in the entire production
    process. This process comprises carrying out an esterification reaction
    between (meth) acrylic acid and an alkylene
    oxide (e.g., ethylene oxide) in the presence of a catalyst
```

in order to produce the hydroxyalkyl (meth)acrylate; with the production

process being characterized by further comprising the step of

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

recovering the catalyst which has been used for the

TI Hydroxyalkyl acrylate or methacrylate

reaction.

AN 1969:67656 CAPLUS

DN 70:67656

TI Hydroxyalkyl acrylate or methacrylate

IN Murayama, Masayuki

PA Japan Gas-Chemical Co., Inc.

SO Jpn. Tokkyo Koho, 3 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	JP 43018890	<b>B4</b>	19680816	JP	19641017
	DE 1568838			DE	

The title compds. are prepared from alkylene oxide and acrylic acid or methacrylic acid in the presence of 0.2-5 weight % Fe3+ as the main catalyst and metal or metal compound such as Cu, Hg, Cr or iodine (0.01-2 times main catalyst). Thus, 360 g. acrylic acid, 0.2 g. tannic acid, 4 g. FeCl3, and 0.1 g. Cu powder were charged in a reactor and heated at 80° under N; ethylene oxide was passed through at a rate of 150 g./hr. for 2 hrs. Excess ethylene oxide was cooled and recovered from the reactor to yield 95% hydroxyethyl acrylate, unreacted acrylic acid 0.2 weight %, and recovered ethylene oxide 70 g.

=> logoff hold		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.09	21.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

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	ENTRY	SESSION
FULL ESTIMATED COST	21.09	21.30
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19
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	ENTRY	SESSION

21.09 21.30 FULL ESTIMATED COST

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-2.19-2.19 CA SUBSCRIBER PRICE

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LISA now available on STN NEWS 6 DEC 01

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MEDLINE update schedule for December 2004 NEWS 8 DEC 15

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10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness NEWS alerts (SDIs) affected

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NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected

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FULL ESTIMATED COST

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FILE COVERS 1907 - 1 Feb 2005 VOL 142 ISS 6 FILE LAST UPDATED: 31 Jan 2005 (20050131/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s JP 2001-087846/PN L1 1 JP 2001-087846/PN (JP2001087846/PN)

=> d l1

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2001:235395 CAPLUS

DN 134:269412

TI Process and apparatus for continuous casting of steel slab

IN Itoyama, Seji; Shibata, Hiromitsu; Kishimoto, Yasuo

PA Kawasaki Steel Corp., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ΡI	JP 2001087846	A2	20010403	JP 1999-268199	19990922 <
PRAI	JP 1999-268199		19990922		

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